



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

FINAL POLREP

DATE: August 1, 1992

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SUBJECT: AUTOMATIC INDUSTRIAL PLATING SITE, Schaumburg, Cook County, IL
D.O.# 7640-05-208, Site ID# PV

FINAL POLREP (#16)

SITUATION

The Automatic Industrial Plating site was an inactive electroplating facility located at 920 Morse Avenue, Schaumburg, Cook County, Illinois. From September 3, 1980 to late 1991, the facility was operated by Wolfgang Damsch. On December 13, 1991, the Schaumburg Police and Fire Departments, the Illinois State Police, and the Illinois Environmental Protection Agency (IEPA) responded to a complaint that wastes from the site were escaping directly into the local sanitary sewer system. The IEPA referred the site to the U.S. EPA after determining that the property owner was not financially able to perform the removal.

ACTIONS TAKEN:

- 1) Phase I
OH Materials, a subcontractor to ERCS (PEI, Inc.) mobilized to site to conduct emergency response action to secure site. Activities included mitigation of all spills, overpacking and securing leaking drums and containers, and sampling of vats and drums. Samples were field hazard-categorized and compatibility groups

established.

2) Phase II

The ERCS crew conducted decontamination of site debris, compositing waste streams for disposal, shipped Chrome liquids, Base/Neutral liquids, and Organics. Samples of visibly contaminated brick and concrete were submitted for analysis. Analytical results of samples collected determined that the building needed to be demolished. The building and slab were torn down and placed in roll-offs awaiting disposal approval.

3) Phase III

The Cyanide Liquids, Cyanide Solids, Base/Neutral solids, Chrome solids, Decontamination Water-Base/Neutral liquids and the building debris were shipped for disposal. All site activities specified in the Action Memorandum for the Automatic Industrial Plating site were completed on July 9, 1992.

4) WASTE DISPOSAL TABLE

<u>GROUP</u>	<u>QUANTITY</u>	<u>METHOD</u>	<u>FACILITY</u>
Chrome Liquids	3,789 gal	Treatment	Dynecol
Chrome Solids	8,750 lbs	Treatment	Dynecol
Base/Neutral Liquids	2,842 gal	Treatment	Dynecol
Base/Neutral Solids	6,800 lbs	Incineration	ThermalKEM
Cyanide Liquids	1,265 gal	Incineration	ThermalKEM
Cyanide Solids	10,100 lbs	Incineration	ThermalKEM
Organics	165 gal	Fuel Blending	Ecolotec
RCRA crushed Drums	40 cu yd	Landfill	Envirosafe
Hazardous building debris	460 cu yd	Landfill	Envirosafe

COSTS:

PROJECT CEILING: \$ 684,000.00

TOTAL TO DATE

CEILING

ERCS	577,833.83	600,000.00
TAT	72,000.61	84,000.00
EPA	19,282.50	20,000.00

669,116.94



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